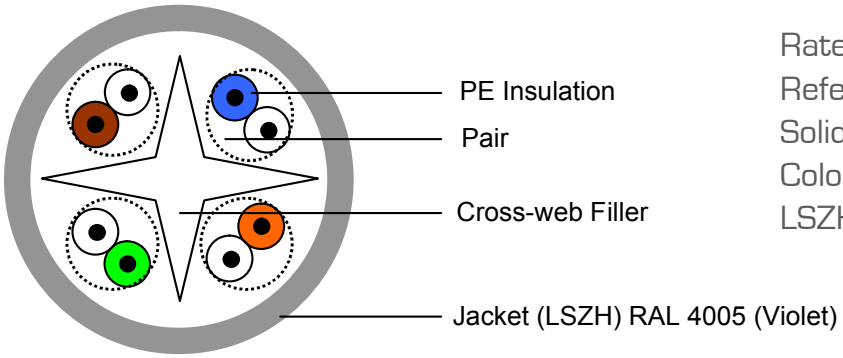
NENCO

Next Generation Connectivity

NENCO CAT6 UTP COPPER CABLE 23 AWG LSZH VIOLET 305M BOX

NN6CBLVTLSOH



Rated temperature:75°
Reference standard:TIA 568-C.2
Solid bare copper conductor
Colour-coded PE insulation
LSZH Jacket

CONSTRUCTION	
Number of Pairs	4 Pairs
Conductor AWG	23 AWG
Conductor material	Soft & annealed copper
Insulation material	HDPE
Outer jacket material	LSZH
Jacket Diameter	Nominal 6.0 mm
Jacket Colour	Violet (RAL 4005)
INSULATION COLOUR	
# 1 Pair	Blue/White (Blue stripe-2line)
# 2 Pair	Orange/White (Orange stripe 2line)
# 3 Pair	Green/White (Green Stripe-2line)
# 4 Pair	Brown/White (Brown Stripe-2line)
Ripcord	None
Packing type	Reelex box
Standard length	305meter
Conductor resistance (DC) at 20 °C	Ω/100m Max.9.38
Resistance unbalance (DC) at 20 °C	% Max.5
Mutual capacitance at 1 kHz	nF/100m Max 5.6 (Ref. Value)
Capacitance unbalance at 1kHz	pF/100m Max. 330
Dielectric strength at 2 sec. DC	kV 2.5
Bulkweight	40kg/km
NVP	69%

Versions available to meet the requirements of CPR Eca and Dca

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Propogation

Frequency	Propagation Delay	NVP	Propagation Delay Skew
(MHz)	ns/100m (Max.)	% (Min.)	dB/100m (Max.)
250	536	69%	45

Physical Characteristics

Item	Unit	Characteristics	Remark
Jacket (unaged)			
Tensile strength	MPa	Min. 8.5	45
Elongation	%	Min.100	45
Jacket (aged)		Ageing Condition	100± 2°C/168h
Tensile strength	%	Min. 70 of unaged	
Elongation	%	Min. 50 of unaged	

Note: Cable that meet the requirements of the template are not required to be measured for return loss; alternately cables that meet the return loss are not required to be measured for characteristic impedance.